

LITTLE COLORADO RIVER BASIN

09402300 LITTLE COLORADO RIVER ABOVE THE MOUTH NEAR DESERT VIEW, AZ

LOCATION-- Lat 36°11'29", long 111°45'18", Coconino County, Hydrological Unit 15020016, in the Grand Canyon National Park, on the left bank about 1.0 mi upstream of the mouth, 62 mi west-southwest of Lees Ferry, about 55 mi downstream of Cameron, and about 11 mi east-northeast from Desert View.

DRAINAGE AREA-- 26,946 mi², of which 368 mi² are noncontributing.

PERIOD OF RECORD-- May 1990 to July 1990, at a site about 2,500 ft downstream, August 1990 to January 1993, May 24, 2003 to current year.

GAGE-- Water-stage recorder. Elevation of gage is 2,700 ft above sea level, from topographic map. Prior to August 1, 1990, on the right bank about 2,500 ft downstream, datum 2,720 ft above sea level, from topographic map, August 1990 to January 1993, datum 2,745 ft above sea level.

REMARKS-- Records fair. Diversions above the station for irrigation of about 32,000 acres. Some regulation by reservoirs, combined capacity of the principal reservoirs, about 135,000 acre-ft.

EXTREMES FOR PERIOD OF RECORD-- Maximum recorded peak discharge, 7,860 ft³/s, Jan. 8, 1993, gage height, 55.14 ft. Maximum discharge 18,200 ft³/s, Jan. 12, 1993 based on records at 09402000, Little Colorado River near Cameron, gage height unknown, minimum recorded daily discharge 194 ft³/s, Mar. 3, 1991.

EXTREMES OUTSIDE PERIOD OF RECORD--About 120,000 ft³/s, Sept. 20 or 21, 1923, gage height unknown, based on discharge at 09401000, Little Colorado River at Grand Falls.

EXTREMES FOR CURRENT YEAR--Peak discharges greater than base discharge of 4,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Sept. 6	0915	*3,250	*9.13

Minimum daily discharge, 208 ft³/s, July 1.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	---	217	208	229	529
2	---	---	---	---	---	---	---	---	219	213	230	390
3	---	---	---	---	---	---	---	---	218	217	229	372
4	---	---	---	---	---	---	---	---	215	216	252	306
5	---	---	---	---	---	---	---	---	219	212	291	288
6	---	---	---	---	---	---	---	---	217	213	277	530
7	---	---	---	---	---	---	---	---	216	217	251	281
8	---	---	---	---	---	---	---	---	217	217	319	303
9	---	---	---	---	---	---	---	---	213	223	302	409
10	---	---	---	---	---	---	---	---	e210	223	282	844
11	---	---	---	---	---	---	---	---	209	223	247	1540
12	---	---	---	---	---	---	---	---	209	221	237	473
13	---	---	---	---	---	---	---	---	216	223	234	745
14	---	---	---	---	---	---	---	---	220	225	272	842
15	---	---	---	---	---	---	---	---	214	226	341	466
16	---	---	---	---	---	---	---	---	219	223	415	347
17	---	---	---	---	---	---	---	---	218	225	291	296
18	---	---	---	---	---	---	---	---	217	226	690	275
19	---	---	---	---	---	---	---	---	210	224	481	260
20	---	---	---	---	---	---	---	---	e210	227	637	250
21	---	---	---	---	---	---	---	---	e210	227	703	241
22	---	---	---	---	---	---	---	---	e210	227	496	237
23	---	---	---	---	---	---	---	---	e212	224	420	231
24	---	---	---	---	---	---	---	---	e215	224	377	230
25	---	---	---	---	---	---	---	219	220	226	311	229
26	---	---	---	---	---	---	---	219	220	230	477	228
27	---	---	---	---	---	---	---	220	220	229	360	228
28	---	---	---	---	---	---	---	220	219	229	408	228
29	---	---	---	---	---	---	---	220	217	229	606	227
30	---	---	---	---	---	---	---	211	210	234	664	227
31	---	---	---	---	---	---	---	216	---	229	578	---
TOTAL	---	---	---	---	---	---	---	---	6456	6910	11907	12052
MEAN	---	---	---	---	---	---	---	---	215	223	384	402
MAX	---	---	---	---	---	---	---	---	220	234	703	1540
MIN	---	---	---	---	---	---	---	---	209	208	229	227
MED	---	---	---	---	---	---	---	---	217	224	319	292
AC-FT	---	---	---	---	---	---	---	---	12810	13710	23620	23910

e Estimated